REMARKS

This Amendment is submitted in reply to the Final Office Action dated December 9, 2010. Applicant respectfully requests reconsideration and further examination of the patent application pursuant to 37 C.F.R. § 1.113.

Summary of the Examiner's rejections

Claims 38 and 39-52 stand objected to because of various informalities.

Claims 27-36 stand rejected under 35 U.S.C. § 101 as allegedly being directed to non-statutory subject matter.

Claims 27, 28, 31-35, 37-40, 44, 47-51 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Williams (US 6,144,669) in view of Nakatsugawa (US. 6,243,830B1).

Claims 29, 30, 45, and 46 stand under 35 U.S.C. § 103(a) as allegedly being unpatentable over Williams (US 6,144,669) in view of Nakatsugawa (US 6,243,830B1) in further view of Sakaguchi (US 2003/0212855A1).

Claims 36, 42-43, and 52 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Williams (US 6,144,669) in view of Nakatsugawa (US 6,243,830B1) in further view of Leung (US 2002/0132613A1).

Summary of Amendments

Applicant has canceled claims 27-40 and 42-52 (without prejudice), and added new claims 56-76. The support for new claims 56-76 can be found throughout the specification while specific reference to "presence information" and "session setup information" can be found on page 2, lines 22-26, and page 12, lines 15-20 the original filed patent application. No new subject matter has been added.

Remarks regarding the §101 rejections

The new claims 56-76 either recite "hardware-containing communications units", "one of the hardware-containing communications units", or "hardware-containing apparatus". Hence, Applicant respectfully requests the removal of this pending 101 rejection.

Remarks regarding the §103(a) rejections

Applicant respectfully submits that the new independent claim 56 is patentable over Williams, Nakatsugawa, Sakaguchi, Leung or any combination thereof. The new independent claim 56 is as follows:

> 56. A method of managing a state memory adapted for storing state information applicable in a message communication between hardware-containing communications units in a communications system, the method implemented by one of the hardware-containing communications units comprising the steps
> obtaining a plurality of messages to be transmitted over a radio link;
> generating state information based on a first message of the plurality of messages;
> if the first message comprises information relating to session setup, storing the generated state information in a first portion of the state memory;
> if the first message comprises presence information, storing the generated state information in a second portion of the state memory different from the first portion, such that state information generated based on messages comprising presence information is prevented from overwriting state information generated based on messages comprising information relating to session setup;
> compressing a second message of the plurality of messages based on state information stored in the state memory and associated with the second message; and
> transmitting the compressed second message over the radio link.

Applicant respectfully submits that Williams, Nakatsugawa, Sakaguchi, and Leung fail to disclose or suggest at least the claimed limitations related to "presence information" and "session setup information" recited in the new independent claim 56. In particular, Applicant respectfully submits that Williams, Nakatsugawa, Sakaguchi, and Leung fail to disclose or suggest at least the claimed limitations related to "storing the generated state information (session setup information) in a first portion of the state memory ... storing the generated state information (presence information) in a second portion of the state memory ... such that state information generated based on messages comprising presence information is prevented from overwriting state information generated based on messages comprising information relating to session setup". In fact, Williams, Nakatsugawa, Sakaguchi, and Leung fail to mention the terms "presence information" and "session setup information" and as such it would follow that they fail to disclose the claimed "storing the generated state information (session setup information) in a first portion of the state memory ... storing the generated state information (presence

information) in a second portion of the state memory ... such that state information generated based on messages comprising presence information is prevented from overwriting state information generated based on messages comprising information relating to session setup". In view of at least the foregoing, Applicant respectfully requests the allowance of the new independent claim 56 and the corresponding new dependent claims 57-65.

Moreover, Applicant respectfully submits that the new independent claims 66 and 76 are patentable in view of Williams, Nakatsugawa, Sakaguchi, and Leung. The new independent claims 66 and 76 recite the same or similar distinguishing limitations that have been discussed above with respect to the new independent claim 56. As such, the aforementioned remarks regarding the patentability of the new independent claims 66 and 76 apply as well to the new independent claim 66. Accordingly, Applicant respectfully requests the allowance of the new independent claims 66 and 76 and the corresponding new dependent claims 67-75.

CONCLUSION

In view of the foregoing remarks, Applicant believes all of the claims currently pending in the application to be in a condition for allowance. Therefore, Applicant respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for pending claims 56-76.

The Commissioner is hereby authorized to charge any fees for this paper and the co-filed Request for Continued Examination to Deposit Account No. 50-1379.

Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,

/William J. Tucker/

By William J. Tucker
Registration No. 41,356

Date: February 7, 2011

Ericsson Inc.
6300 Legacy Drive, M/S EVR 1-C-11
Plano, Texas 75024

(214) 324-7280
william.tucker@ericsson.com